IN THE CLAIMS

The following is a complete listing of the claims in this application, reflects all changes currently being made to the claims, and replaces all earlier versions and all earlier listings of the claims:

1.   (Currently Amended) An apparatus for processing information data and playback description data indicating a playback procedure of the information data, comprising:

modified information data processing means for newly generating modified information data by using part of the information data; and

description data processing means for modifying the playback procedure such that the modified information data are played back instead of the part of the information data, and modifying the content of the playback description data ~~in accordance with~~ according to the modified playback procedure,

wherein the playback description data comprises playback time information ~~relating to the~~ indicating a playback start time or a playback end time of the information data, and wherein ~~the~~ said description data processing means ~~modifies~~ changes the playback start time or the playback end time ~~information in accordance~~ according to a playback time of ~~with~~ the modified ~~playback procedure~~ information data, and said description data processing means further generates restoration time information indicating an amount of change of the playback start time or the playback end time and adds the restoration information to the playback description data.

2.-3.   (Canceled)

4.   (Currently Amended) An apparatus according to claim 1, wherein ~~the~~ said description data processing means ~~further generates restoration information for restoring~~ restores the playback procedure such that the part of the information data is played back instead of the modified information data, and ~~adds~~ again changes the content of the playback description data by using the restoration time information according to the restoration of the playback ~~description~~ procedure of the information data.

5.   (Canceled)

6.   (Original) An apparatus according to claim 1, further comprising a recording means for recording the modified information data and the playback description data whose content has been modified in a recording medium in which the information data is recorded.

7.   (Currently Amended) An apparatus according to claim 1, wherein the information data comprises encoded moving image data, and wherein [[the]] said description data processing means modifies the content of the playback description data such that a playback start position or playback end position of the moving image data after the modification of the playback procedure corresponds to a boundary between units of encoding in the moving image data.

8.　　(Currently Amended)　An apparatus according to claim 1, wherein the information data is recorded in a recording medium, and wherein [[the]] said description data processing means modifies the content of the playback description data such that a playback start position or playback end position of the information data after the modification of the playback procedure correspond to units of access on the recording medium.

9.　　(Currently Amended)　An apparatus according to claim 1, wherein the information data includes encoded moving image data, and wherein [[the]] said modified information data processing means comprises decoding means for decoding the moving image data, combining processing means for performing a combining processing on a plurality of items of moving image data decoded by the decoding means, and an encoding means for encoding moving image data obtained by the combining processing to thereby generate the modified information data.

10.-14.　(Canceled)

15.　　(Currently Amended)　An apparatus for processing playback description data containing an information data object having playback time information indicating a playback start time or a playback end time of the information data, designating a playback operation of the information data and indicating a playback procedure of the information data, comprising:

instruction means for modifying the playback procedure such that modified information data generated by using part of the information data is played back instead of the part of the information data; and

description data processing means for ~~adding, in accordance with the modified playback procedure, a~~ changing the playback start time or the playback end time indicated by the playback time information of the information data object according to a playback time of the modified information data, and adding restoration time information indicating an amount of change of the playback start time or the playback end time to ~~object designating a playback operation of the modified information data to the playback description data, and for modifying playback time information for the information data included in~~ the information data object,

wherein said description data processing means adds, according to the modified playback procedure, a modified information data object designating a playback operation of the modified information data to the playback description data.

16.-18. (Canceled)

19.   (Currently Amended) An apparatus according to claim 15, wherein [[the]] said description data processing means adds modified information data ID information for identifying the modified information data to the modified information data object.

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20. (Currently Amended) An apparatus according to claim 19, wherein [[the]] said description data processing means adds information indicating the type of modification processing performed on the modified information data as an attribute of the modified information data ID information.

21. (Currently Amended) A recording apparatus comprising:

description data ~~generation~~ generating means for generating playback description data indicating a playback procedure of a plurality of items of information data and modified information data which is obtained by performing a modification processing on the information data, the modified information data having a section on which the modification processing is not performed and a section on which the modification processing is performed;

section information ~~generation~~ generating means for generating section information indicating [[a]] the section of the modified information data where the modification processing has been performed; and

[[a]] recording means for recording the playback description data and the section information [[in]] on a recording medium.

22. (Original) An apparatus according to claim 21, wherein the section information is recorded by being incorporated into the playback description data.

23. (Original) An apparatus according to claim 21, wherein the information data includes image data, the modification processing includes a special effect

processing on the image data, and the section information includes a start time or end time of the special effect processing within the modified information data.

24.   (Original) An apparatus according to claim 21, wherein the information data includes image data, the modification processing includes a combining processing for combining the image data and other data, and the section information includes a start time or end time of the combining processing within the modified information data.

25.   (Original) An apparatus according to claim 21, wherein the information data is encoded, the modified information data is generated by using the encoding units as processing units, and the section where the modification processing is performed is determined independently of the processing units.

26.   (Original) An apparatus according to claim 21, wherein the modified information data is generated by using the access units of a recording medium in which the information data is recorded, and the section where the modification processing is performed is determined independently of the processing units.

27.   (Original) An apparatus according to claim 21, further comprising a display control means for displaying in a display unit, based on the section information, an image representing the section of the modified information data where the modification processing has been performed.

28.-29.   (Canceled)

30.   (Currently Amended) An apparatus for processing playback description data including an information ~~file~~ data object having playback time information ~~data~~ indicating a playback start time or a playback end time of the information data and ~~an information data object~~ designating a playback operation of the information data, ~~and the playback description data further~~ indicating a playback procedure of the information data, the apparatus comprising:

modified information data processing means for newly generating modified information data by using part of the information data, ~~and obtaining a~~ the modified information ~~file~~ data having a section on which the modification processing is not performed and a section on which the modification processing is performed ~~the modified information data~~;

instruction means for modifying the playback procedure such that the modified information data is played back instead of the part of the information data;

description data processing means for ~~adding to~~ changing the playback ~~description data a modified~~ start time or the playback end time indicated by the playback time information of the information data object ~~including section information indicating a section~~ according to a playback time of the modified information data, and adding restoration time information indicating an amount of change of the playback start time or the playback end time to the information data object, ~~where the modification processing is provided, the modified information data object further designating a playback operation of the modified information data, wherein the description data processing means~~

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~~further modifies playback time information of the information data contained in the~~

~~information data object; and~~

wherein said description data processing means adds, according to the modified playback procedure instructed by said instruction means, a modified information data object including section information indicating the section of the modified information data where the modification processing is performed, the modified information data object further designating a playback operation of the modified information data to the playback description data; and

recording means for recording ~~in a recording medium~~ the modified information ~~file~~ data and the playback description data ~~outputted from the~~ processed by said description data processing means in a recording medium.

31.   (Currently Amended) A method of processing information data and playback description data indicating a playback procedure of the information data, comprising:

a modified information data generation processing step, of newly generating modified information data by using part of the information data; and

a description data control processing step, of modifying the playback procedure such that the modified information data is played back instead of the part of the information data, and modifying the content of the playback description data ~~in accordance with~~ according to the modified playback procedure,

wherein the playback description data contains playback time information ~~relating to a~~ indicating a playback start time or a playback end time of the

information data, and the playback start time or the playback end time information is modified in accordance with is changed in said description data control processing step according to a playback time of the modified playback procedure information data, and restoration time information indicating an amount of change of the playback start time or the playback end time is generated in said description data control processing step, and the restoration information is added to the playback description data in the said description data control processing step.

32.-33. (Canceled)

34. (Currently Amended) A method according to claim 31, wherein the description data control processing step generates restoration information for restoring the playback procedure is restored in said description data processing step such that the part of the information data is played back instead of the modified information data, and adds the content of the playback description data is again changed by using the restoration time information according to the restoration of the playback description procedure of the information data.

35. (Canceled)

36. (Currently Amended) A method according to claim 31, wherein the information data includes encoded moving image data, and the description data control processing step modifies the content of the playback description data is modified, in said

description data control processing step, such that a playback start position or playback end position of the moving image data after the modification of the playback procedure corresponds to a boundary between units of encoding of the moving image data.

37.   (Currently Amended) A method according to claim 31, wherein the information data is recorded in a recording medium, and ~~the description data control processing step modifies~~ the content of the playback description data is modified, in said description data control processing step, such that a playback start position or playback end position of the information data after the modification of the playback procedure corresponds to access units on the recording medium.

38.   (Currently Amended) A method according to claim 31, wherein the information data includes encoded moving image data, and [[the]] said modified information data control processing step comprises a decoding processing [[for]] step of decoding the moving image data, a combining processing [[for]] step of performing a combining processing on a plurality of items of decoded moving image data, and an encoding processing [[for]] step of generating the modified information data by encoding the combined moving image data.

39.- 42. (Canceled)

43.   (Currently Amended) A method of processing playback description data including an information data object having playback time information indicating a

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playback start time or a playback end time of the information data, designating a playback

operation of the information data and indicating a playback procedure of the information

data, comprising:

a modification processing step, of modifying the playback procedure

such that modified information data generated by using part of the information data is

played back instead of the part of the information data; and

a description data control processing step, ~~in which, in accordance~~

~~with the modified playback procedure, a~~ of changing the playback start time or the

playback end time indicated by the playback time information of the information data

object according to a playback time of the modified information data, and adding

restoration time information indicating an amount of change of the playback start time or

playback end time to ~~object designating a playback operation of the modified information~~

~~data is added to the playback description data, and playback time information of the~~

~~information data included in~~ the information data object ~~is modified~~.

wherein a modified information data object designating a playback

operation of the modified information data is added to the playback description data, in

said description data control processing step, according to the modified playback

procedure.

44.- 46. (Canceled)

47. (Currently Amended) A method according to claim 43, wherein ~~the~~

~~description data control processing step adds~~ modified information data ID information for

identifying the modified information data is added, in said description data control step, to the modified information data object.

48.   (Currently Amended) A method according to claim 47, wherein ~~the description data control processing step adds~~ information indicating the type of an information modification processing performed on the modified information data is added, in said description data control step, as an attribute of the modified information data ID information.

49.   (Currently Amended) A data processing method comprising:

a description data ~~generation processing~~ generating step, of generating playback description data indicating a playback procedure for a plurality of items of information data and modified information data which is obtained by performing ~~an information~~ a modification processing on the information data, the modified information data having a section on which the modification processing is not performed and a section on which the modification processing is performed;

a section information generation processing step, of generating section information indicating [[a]] the section of the modified information data ~~where~~ on which the modification processing has been ~~provided~~ performed; and

~~an output processing step, of outputting~~ a recording step, of recording the playback description data and the section information [[to]] on a recording ~~means, wherein the recording means records the playback description data and the section information in a recording~~ medium.

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50.   (Canceled)